

KENTUCKY

Park Operational Base Summary: The table below shows the annual park operating base for all parks within this state. Park operational base funds are supplemented by as yet undetermined amounts of project funding from regional or servicewide-managed programs, such as cyclic maintenance, the Natural Resources Preservation Program, and the Drug Enforcement Program.

If a park is in more than one state, the park is included in each of the appropriate state tables. The full operating base is shown; no attempt has been made to split the park operating base amount between two or more states.

Congress'l District Park Units	(dollars in thousands)				
	FY 2001 Enacted	FY 2002 Enacted	FY 2003 Uncontrol Changes	FY 2003 Program Changes	FY 2003 Estimate
02 Abraham Lincoln Birthplace NHS	520	653	8	-3	658
05 Big South Fork Natl River & RA	3,107	3,582	42	-18	3,606
05 Cumberland Gap NHP	1,794	2,294	30	-13	2,311
02 Mammoth Cave NP	5,532	5,691	89	-38	5,742

For FY 2003, Program Changes include increases contained in park operations and for counter-terrorism activities. Program Changes are reduced for travel and associated costs by implementing management reforms to achieve savings.

This table does not include programs from other appropriations such as General Management Plans, Land Acquisition, Line Item Construction, Federal Lands Highway Program, and Historic Preservation Fund State Grants. Information on the distribution of funds in these programs is outlined on the next page. There are separate sections on General Management Plans and the Trails Management Program.

KENTUCKY

(dollars in thousands)

PROGRAMS NOT INCLUDED IN PARK BASE:

GENERAL MANAGEMENT PLANS (See GMP section for further information)

None

LAND ACQUISITION

None

CONSTRUCTION: LINE ITEM CONSTRUCTION (see attached)

<u>Park Area</u>	<u>Type of Project</u>	<u>Funds</u>
Cumberland Gap NHP	Rehab Wilderness Road & the Gap	\$5,583
Mammoth Cave NP	Mitigate water pollution from parking areas	\$555

PROPOSED FEDERAL LANDS HIGHWAY PROGRAM

<u>Park Area</u>	<u>Project Title</u>	<u>Funds</u>
Mammoth Cave NP	Improve safety of Environ Institute access	\$1,000
Mammoth Cave NP	Reconstruct Rt 10 - Sloan's Crossing	\$2,500
Mammoth Cave NP	Rehab Route 15 - Chaumont to visitor cen	\$1,800

HISTORIC PRESERVATION FUND: STATE GRANTS

State apportionment: \$766

STATE CONSERVATION GRANTS

Proposed state apportionment: \$2,145

(Does not include \$48,600,000 for Cooperative Conservation Initiative, which will be distributed to the states through national competition.)

Construction and Major Maintenance/Line Item Construction and Maintenance**National Park Service
PROJECT DATA SHEET**

Project Score/Ranking:	500
Planned Funding FY:	2003
Funding Source:	Line Item Construction

Project Identification

Project Title: Rehabilitation Of The Wilderness Road And The Gap		
Project No: 20118	Unit/Facility Name: Cumberland Gap National Historical Park	
Region: Southeast	Congressional District: 05	State: Kentucky

Project Justification

Project Description: This project will rehabilitate the route west through the Gap along the Wilderness Road, and provide visitors with facilities to see and understand the park better. This project is the final component of a multi-year/multi-agency undertaking including the Federal Highway Administration, National Park Service, and the States of Kentucky, Tennessee, and Virginia. This project is mitigation for the construction of the Cumberland Gap Tunnel through Cumberland Mountain.

Project Need/Benefit: Beginning as early as 1956, the NPS identified the importance of the history of Cumberland Gap and rehabilitation of this area to its 1780-1810 period. The U.S. Senate in 1971 directed the Appalachian Regional Commission to provide alternatives to improve traffic flow and to restore the Wilderness Road through Cumberland Gap. The Commission's recommendation included: four-laning a portion of U.S. 58 in Virginia for entering the tunnel from the Tennessee side, four-laning U.S. 25E on the Kentucky side, providing necessary approach roadways, and obliterating the now abandoned stretches of U.S. 25E through the "Gap" and portions of existing U.S. 58 in the park. Congressional legislation authorized these actions in 1973 and the tunnel was opened to traffic in 1996. This project will permit mitigation of tunnel construction through rehabilitation of the park per the Environmental Impact Statement permitting the tunnel to be constructed.

Ranking Categories: Identify the percent of the project that is in the following categories of need.

0 % Critical Health or Safety Deferred	0 % Critical Mission Deferred Maintenance
0 % Critical Health or Safety Capital Improvement	50 % Compliance & Other Deferred Maintenance
50 % Critical Resource Protection Deferred Maintenance	0 % Other Capital Improvement
0 % Critical Resource Protection Capital Improvement	

Capital Asset Planning 300B Analysis Required: YES: NO: ☒ **Total Project Score:** 500

Project Costs and Status

Project Cost Estimate:	\$'s	%	Project Funding History:	
Deferred Maintenance Work :	\$ 5583000	100	Appropriated to Date:	\$ 0
Capital Improvement Work:	\$ 0	0	Requested in FY 2003 Budget:	\$ 5,583,000
Total Project Estimate:	\$ 5583000	100	Required to Complete Project:	\$ 0
Class of Estimate:	B		Project Total:	\$ 5,583,000
Estimate Good Until:	09/30/02			
Dates:	Sch'd			
(qtr/yy)				
Construction Start/Award	1 / 2003		Project Data Sheet	Unchanged Since
Project Complete:	4 / 2003		Prepared/Last Updated: 2/10/02	Departmental
				Approval:
				YES: <input checked="" type="checkbox"/> NO:

Construction and Major Maintenance/Line Item Construction and Maintenance**National Park Service
PROJECT DATA SHEET**

Project Score/Ranking:	700
Funding FY:	2003
Funding Source:	Line Item Construction

Project Identification

Project Title: Mitigate Water Pollution from Cave Parking Areas		
Project No: 3703	Unit/Facility Name: Mammoth Cave National Park	
Region: Southeast	Congressional District: 02	State: Kentucky

Project Justification

Project Description: Supplemental funding is being requested to complete this project due to unforeseen changes in scope and conditions encountered at the construction site. NPS will provide a Capital Asset Plan for this project to document the reasons for the need for funding beyond 10% of the original estimate, and to demonstrate that the project remains within its cost, schedule and performance goals. This project consists of the modification of the storm water drainage system for all heavily used paved parking lots overlying Mammoth Cave's watershed within the park. Nine pipe outfalls have been identified which entrain polluted storm water runoff from these lots (13.4 acres) into short streams that sink directly into the underlying cave system. This project will install a state-of-the-art storm water treatment unit (oil/grit separator) at each of the nine outfalls to remove oils, greases, light solvents, and suspended sediments from the storm water prior to entering the cave. Funds requested for FY2003 will complete this project by installing two new stormceptors in lieu of twenty five drop inlets, replacing the manhole with an absorbent pad at the Sloan's Crossing Parking Area, and undertaking geotechnical analyses in conjunction with the conceptual design.

Project Need/Benefit: Mammoth Cave supports the most diverse cave aquatic ecosystem known in the world, including the Federally Endangered Kentucky Cave Shrimp. Research has demonstrated that polluted runoff from the overlying parking lots enters cave streams within minutes following a rainfall. An estimated 28 liters of oil alone is flushed into the cave streams each year. The relative lack of development within Mammoth Cave National Park is perhaps the only reason why the ecosystem has remained relatively intact. Pollutants such as those derived from parking lot runoff have been documented to destroy the aquatic communities of neighboring watersheds. With recently developed and improved technology (oil/grit separators) the NPS is in a position to protect threatened aquatic resources while continuing to provide efficient visitor services proximal to primary cave entrances.

Ranking Categories: Identify the percent of the project that is in the following categories of need.

0% Critical Health or Safety Deferred	0% Critical Mission Deferred Maintenance
0% Critical Health or Safety Capital Improvement	0% Compliance & Other Deferred Maintenance
100% Critical Resource Protection Deferred Maintenance	0% Other Capital Improvement
0% Critical Resource Protection Capital Improvement	

Capital Asset Planning 300B Required: YES: ☒ NO: ☐

Total Project Score: 700

Project Costs and Status

Project Cost Estimate:			Project Funding History:	
Deferred Maintenance Work :	\$3777300	90	Appropriated to Date:	\$ 3,642,000
Capital Improvement Work:	\$419700	10	Requested in FY 2003 Budget:	\$ 555,000
Total Project Estimate:	\$4197000	100	Required to Complete Project:	\$ 0
Class of Estimate:	B		Project Total:	\$ 4,197,000
Estimate Good Until:	09/30/02		Unchanged Since Departmental Approval: YES: <input type="checkbox"/> NO: <input checked="" type="checkbox"/>	
Dates:	Sch'd			
(qtr/yy)				
Construction Start/Award	1 / 2003		Project Data Sheet Prepared/Last Updated:	2/10/02
Project Complete:	4 / 2003			